

Thank you for selecting the Yamaha Karaoke Speaker System.

PRECAUTIONS

Read this before using the speaker.

- To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- Install the speaker in a cool, dry, clean place – away from windows, heat sources, sources of excessive vibration, dust, moisture and cold. Avoid sources of humming (transformers, motors). To prevent fire or electrical shock, do not expose the speaker to rain or water.
- To prevent the enclosure from warping or discoloring, do not place the speaker where it will be exposed to direct sunlight or excessive humidity.
- Do not place the following objects on the speaker:
 - Glass, china, etc.
 - If glass etc. falls by vibrations and breaks, it may cause personal injury.
 - A burning candle etc.
 - If the candle falls by vibrations, it may cause fire and personal injury.
 - A vessel with water in it
 - If the vessel falls by vibrations and water spills, it may cause damage to the speaker, and/or you may get an electric shock.
- Do not place the speaker where foreign objects such as water drips might fall. It might cause a fire, damage to the speaker, and/or personal injury.
- Do not place the speaker where it is liable to be knocked over or struck by falling objects. Stable placement will also ensure better sound performance.
- Placing the speaker on the same shelf or rack as the turntable can result in feedback.

- Never put a hand or a foreign object into the port located on the rear of the speaker as this might cause personal injury and/or damage to the speaker.
- When moving the speaker, do not hold the port as it might cause personal injury and/or damage to the speaker.
- Any time you note distortion, reduce the volume control on your amplifier to a lower setting. Never allow your amplifier to be driven into “clipping”. Otherwise the speaker may be damaged.
- When using an amplifier with a rated output power higher than the nominal input power of the speaker, care should be taken never to exceed the speaker’s maximum input.
- Do not attempt to clean the speaker with chemical solvents as this might damage the finish. Use a clean, dry cloth.
- Do not attempt to modify or fix the speaker. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reasons.
- As this unit is heavy, whenever it is moved, two people are required to transport it safely.
- Secure placement or installation is the owner's responsibility. Yamaha shall not be liable for any accident caused by improper placement or installation of the speaker.**

SUPPLIED ACCESSORIES

- Speaker cables (10 m) x 2

CONNECTING TO YOUR AMPLIFIER

Caution

BEFORE MAKING CONNECTIONS, MAKE SURE THAT THE AMPLIFIER IS SWITCHED OFF.

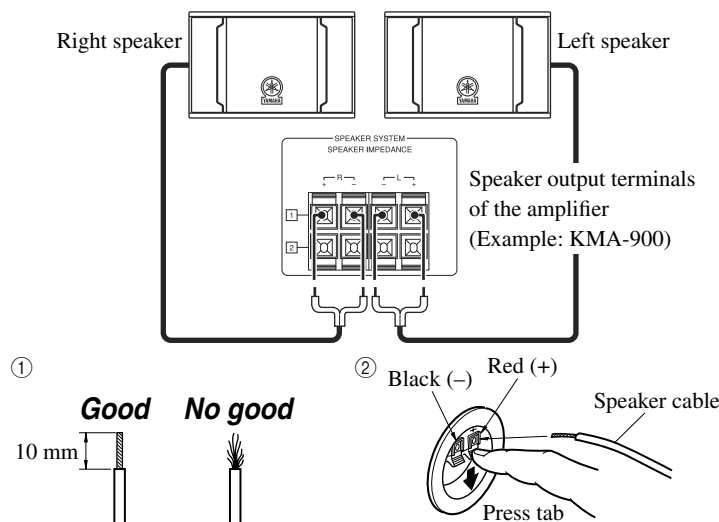
Connect the push-type input terminals at the rear of the speakers to the speaker output terminals of your amplifier with supplied speaker cables. Connect the left speaker to the left (marked L) terminals of your amplifier, and the right speaker to the right (marked R) terminals, making sure not to reverse the polarity (+, –). If one speaker is connected with reversed polarity, the sound will be unnatural and lack bass.

Procedures:

- Remove approx. 10 mm insulation from the speaker cable (figure ①).
- Press the tab on the terminal down and then insert the bare wire end properly into the terminal hole (figure ②).
- Remove your finger from the tab to allow it to lock snugly on the cable’s wire end.
- Test the security of the connection by tugging lightly on the cable at the terminal.

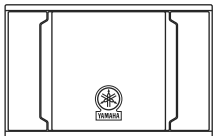
Note

Do not let the bare speaker wires touch each other as this could damage the speaker and/or the amplifier.



PLACING THE SPEAKER

This speaker system is designed for use in a side long way. Place the speaker as shown below.



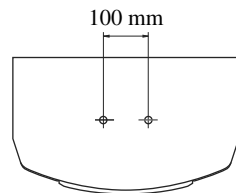
Note

Though this speaker system is a magnetic shielding type, there may be an influence on TV picture according to the type of TV or the placement of the speakers. In such a case, place the speakers apart from the TV so that there is no influence on TV picture.

MOUNTING THIS SPEAKER SYSTEM TO A CEILING

You can also use the screw holes on the top of the speaker for installing the speaker on the ceiling by using commercially available mounting brackets. To fix the speaker to a mounting bracket, use the screws inserted to the screw holes of the speaker as the factory default status. If you use the commercially available screws, use the screws that matches to the following specifications:

Screw type.....M8
Screw length
<KMS-900/KSX-25> 35 mm or more
<KMS-700/KSX-20> 25 mm or more



Caution

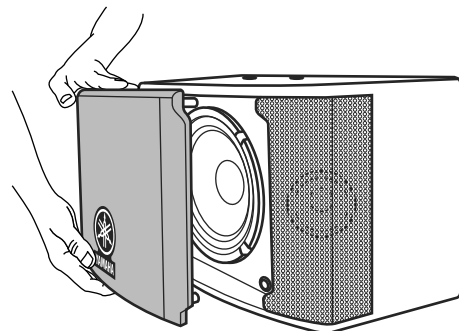
- The required length of a screw differs depending on the mounting bracket to be used. Select a screw which is suitable for use with the mounting bracket and can be fully inserted into the hole on the speaker.
- As this product is heavy, do not attach them to thin plywoods or soft wall surface materials, as the screws may tear free from flimsy surfaces, causing the speakers to fall and be damaged, or result in personal injury.
- Do not fasten the speakers to the ceiling with nails, adhesives, or other unsound hardware. Long-term use and vibrations may cause them to pull free.
- To avoid accidents resulting from tripping over loose speaker cables, fix these to the wall along with the speakers.

REMOVING THE FRONT COVER

The front cover is fastened to the enclosure at four points, and can be removed if desired. To remove the cover, hold on to both sides and slowly pull straight away from the speaker. To reattach, line up the four pegs on the inside surface of the cover with the four corresponding holes on the speaker and push gently.

Notes

- When the cover is removed, take care not to touch the speaker units with your hands or to exert excessive force with tools.
- This bass-reflex type speaker has an opening on the front side. Be careful not to obstruct the opening or put some objects into it. If doing so, the sound will be unnatural or it may cause damage to the speaker and/or amplifier.



SPECIFICATIONS

Type.....	2-way 3-speaker bass reflex speaker system	Rated input power		Weight	
	Magnetic shielding type	<KMS-900/KSX-25>	150 W	<KMS-900/KSX-25>	11.7 kg
Driver		<KMS-700/KSX-20>	80 W	<KMS-700/KSX-20>	8 kg
<KMS-900/KSX-25>		Maximum input power			
.....	77 mm cone type tweeter x 2	<KMS-900/KSX-25>	450 W		
	256 mm cone type woofer	<KMS-700/KSX-20>	240 W		
<KMS-700/KSX-20>		Crossover frequency			
.....	77 mm cone type tweeter x 2	<KMS-900/KSX-25>	2.5 kHz, 15 kHz		
	206 mm cone type woofer	<KMS-700/KSX-20>	2.6 kHz, 15 kHz		
Impedance	8 (ohm)	Dimensions (W x H x D)			
Frequency response		<KMS-900/KSX-25>			
<KMS-900/KSX-25>		499 x 320 x 303 mm		
.....	55 Hz to 20 kHz (–10 dB)	<KMS-700/KSX-20>			
<KMS-700/KSX-20>		450 x 265 x 266 mm		
.....	60 Hz to 20 kHz (–10 dB)				

Limited Guarantee for European Economic Area (EEA) and Switzerland

- Thank you for having chosen a Yamaha product. In the unlikely event that your Yamaha product needs guarantee service, please contact the dealer from whom it was purchased. If you experience any difficulty, please contact Yamaha representative office in your country. You can find full details on our website (<http://www.yamaha-hifi.com/> or <http://www.yamaha-uk.com/> for U.K. resident).

The product is guaranteed to be free from defects in workmanship or materials for a period of two years from the date of the original purchase. Yamaha undertakes, subject to the conditions listed below, to have the faulty product or any part(s) repaired, or replaced at Yamaha’s discretion, without any charge for parts or labour. Yamaha reserves the right to replace a product with that of a similar kind and/or value and condition, where a model has been discontinued or is considered uneconomic to repair.

Conditions

- The original invoice or sales receipt (showing date of purchase, product code and dealer’s name) MUST accompany the defective product, along with a statement detailing the fault. In the absence of this clear proof of purchase, Yamaha reserves the right to refuse to provide free of charge service and the product may be returned at the customer’s expense.
- The product MUST have been purchased from an AUTHORISED Yamaha dealer within the European Economic Area (EEA) or Switzerland.
- The product must not have been the subject of any modifications or alterations, unless authorised in writing by Yamaha.
- The following are excluded from this guarantee:
 - Periodic maintenance and repair or replacement of parts due to normal wear and tear.
 - Damage resulting from:
 - Repairs performed by the customer himself or by an unauthorised third party.
 - Inadequate packaging or mishandling, when the product is in transit from the customer. Please note that it is the customer’s responsibility to ensure the product is adequately packaged when returning the product for repair.
 - Misuse, including but not limited to (a) failure to use the product for its normal purpose or in accordance with Yamaha’s instructions on the proper use, maintenance

and storage, and (b) installation or use of the product in a manner inconsistent with the technical or safety standards in force in the country where it is used.

- Accidents, lightning, water, fire, improper ventilation, battery leakage or any cause beyond Yamaha’s control.
- Defects of the system into which this product is incorporated and/or incompatibility with third party products.
- Use of a product imported into the EEA and/or Switzerland, not by Yamaha, where that product does not conform to the technical or safety standards of the country of use and/or to the standard specification of a product sold by Yamaha in the EEA and/or Switzerland.
- Non AV (Audio Visual) related products.
(Products subject to “Yamaha AV Guarantee Statement” are defined in our website at <http://www.yamaha-hifi.com/> or <http://www.yamaha-uk.com/> for U.K. resident.)
- Where the guarantee differs between the country of purchase and the country of use of the product, the guarantee of the country of use shall apply.
- Yamaha may not be held responsible for any losses or damages, whether direct, consequential or otherwise, save for the repair or replacement of the product.
- Please backup any custom settings or data, as Yamaha may not be held responsible for any alteration or loss to such settings or data.
- This guarantee does not affect the consumer’s statutory rights under applicable national laws in force or the consumer’s rights against the dealer arising from their sales/purchase contract.



This symbol mark is according to the EU directive 2002/96/EC. This symbol mark means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste. Please act according to your local rules and do not dispose of your old products with your normal household waste.